NOTE XII.

LIST OF THE LEPIDOPTEROUS INSECTS COLLECTED BY Mr. A. G. VORDERMAN IN THE ISLAND OF BILLITON.

BY

P. C. T. SNELLEN.

Up to this day only a single information concerning the Lepidopterous fauna of the island of Billiton, situated between Sumatra and Borneo, was published (see: Godman, Salvin and Druce in Proceed. Zool. Soc. of London for 1878, p. 637, pl. 40). This communication was based upon a small collection made by Mr. S. N. Walter and consisting of thirty-three species. A more extensive collection, however, was received in 1888 by Mr. M. C. Piepers, which collection owed its origin to the following circumstances:

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*) In order to have in one and the same journal a complete enumeration of the animals brought from the island of Billiton by Dr. Vorderman, Mr. Snellen kindly allowed me to insert in the Notes from the Leyden Museum the list of the Lepidoptera, published by him in the Tijdschrift voor Entomologie (vol. XXXIII, p. 279; pl. 12) with interesting notes concerning the geographical connection of the species, and with a description and figure of the two new ones.

Besides Mr. Piepers the Leyden Museum also received a certain number of the collected Lepidoptera, and, moreover, a few representatives of other insect-orders, viz. COLEOPTERA: *Aceraius emarginatus* Weber, *Catharsius molossus* Fabr., *Lachnosterna* spec., *Lepidiota* spec., *Tricholepis vestita* Sharp, *Anomala* spec.; HYMENOPTERA: *Vespa tropica* Linn., *Sphex diabolicus* Smith, *Mygnimia aurosericea* Guér. (= *gigas* Taschb.) with its prey: a Mygalid; two species (males only) of *Mutilla*, *Camponotus gigas* Latr.; ORTHOPTERA: *Panesthia javanica* Serv. and a Mantid.

Among the Lepidoptera sent to our Museum were 2 species which are recorded neither by Messrs. Godman, Salvin and Druce, nor by Mr. Snellen, viz. *Adolias Diardi* Snell. v. Voll. var. and *Papilio Agamemnon* Linn., which make the number of Rhopalocera known as yet from Billiton amount to 93 and the total number of Lepidoptera to 108 species. I have intercalated both species in Mr. Snellen's list, with the numbers 35 *a* and 78 *a*.

Leyden Museum, February 1891. C. Ritsema Cz.

During the month of June 1888 Mr. A. G. Vorderman, town-surgeon at Batavia, undertook an excursion to Billiton and the neighbouring island of Mendanao for the sake of his Ornithological studies. In the meantime he had brought together, besides many other natural history objects, an important collection of Lepidoptera, chiefly Rhopalocera, which, for the greatest part, was sent by him to Mr. Piepers. In none of these islands high mountains are found, and the height of the localities where the insects were captured does not surpass 3000 feet. The Lepidoptera, which at present make part of our collection, are of great interest, especially with regard to their geographical connection with those of the neighbouring islands of Sumatra and Borneo, and of the peninsula of Malacca. In my original paper (see Tijdschr. v. Entom. XXXIII, p. 279; pl. 12) all the differences I met with are carefully mentioned, in order to increase the value of my remarks, and to make use as much as possible of the important collection brought together by Mr. Vorderman.

The collection received by Mr. Piepers contained 82 species of Rhopalocera and 11 of Heterocera, together 93 species. Messrs. Godman, Salvin and Druce, moreover, notice 9 Rhopalocera and 4 Heterocera, so that the number of the Rhopalocera known as yet from Billiton increases to 91 species [1]). Though there are certainly still many more species to be found, especially of the small Lycaenina and Hesperidina, we have already sufficient evidence that the Lepidopterous fauna of Billiton is much closer connected with that of Malacca, Sumatra and Borneo than with that of Java.

There are only two species, an *Adolias* and a *Chalcosia*, which I believe to be new. Messrs. Godman, Salvin and Druce described 3 species as new, one of which (*Myrina*

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1) See, however, the footnote on the foregoing page.

nivea) was also contained in Mr. Vorderman's collection; the second (*Antheraea billitonensis*) was wanting, and the third (*Nyctalemon docile*) does not differ specifically from *Nyctalemon Patroclus*. On the other hand I feel entitled to name three remarkable, probably local, varieties, viz. var. *immaculata* of *Lexias dirtea*, var. *saturata* of *Amblypodia Apidanus*, and var. *aurago* of *Cathaemia haemorrhoa*.

The species recorded by Messrs. Godman, Salvin and Druce, but not collected by Dr. Vorderman, are:

1. *Hestia Clara* Butler, Trans. Ent. Soc. of London. 3rd ser., vol. V, p. 469. (Identical with *Hestia Leuconoë* Erichs.).
2. *Euploea Menetriesii* Felder, Wien. Ent. Monatschr. IV, p. 398. (Probably a variety of *Euploea Alcathoë* Godart.).
3. *Euploea Thoosa* Hübner, Samml. Exot. Schmett. (Variety of *Euploea Radamanthus* Fabr.).
4. *Zeuxidia Horsfieldii* Felder, Novara-Reise. Lepid. p. 460; pl. 62, fig. 4.
5. *Charaxes Schreiberi* Godart, Encycl. Méthod. IX, p. 825.
6. *Callidryas Catilla* Cramer, Uitl. Kap. I, p. 87; pl. 55, fig. C, D. (The species figured here is not named *Catilla* but *Crocale*, and no doubt synonymous with *Pomona* Fabr.).
7. *Papilio Antiphates* Cramer, Uitl. Kap. I, p. 113; pl. 72, fig. A, B.
8. *Papilio Eurypylus* Linné, Syst. Nat. I, p. 754. (Strongly resembling *Evemon* Boisd. which was met with by Mr. Vorderman).
9. *Casyapa Thrax* Linné, Syst. Nat. I, p. 794.

Chaerocampa suffusa Walker, Cat. Lep. Brit. Mus. Heterocera. VIII, p. 146. — Snellen, Tijdschr. v. Entom. XXVIII, p. 254; pl. 9, fig. 2.

11. *Hypsa Silvandra* Cramer, Uitl. Kap. IV, p. 155; pl. 369, fig. D. (Cf. also Tijds. v. Ent. XXXI, p. 141).

12. *Antheraea Billitonensis* nov. spec. Druce, Proc. Zool. Soc. of London, 1878, p. 642.
13. *Hypopyra Feniseca* Guenée, Noct. 3, p. 200.

Species collected by Mr. Vorderman:

1. *Euploea Crameri* Lucas, Revue Zoologique, 1853, p. 318 (♂).
2. *Euploea Midamus* Linn., *Papilio Mulciber* Cram., Uitl. Kap. II, p. 45; pl. 127, fig. C, D.
   Trepsichrois Linnaei Moore, Proc. Zool. Soc. of London, 1883, p. 286.
3. *Euploea Aegyptus* Butler, Proc. Zool. Soc. of London, 1866, p. 316. — Snellen, in Midden-Sumatra. Lepid. p. 13; pl. 1, fig. 1, 2.
4. *Euploea Alcathoë* Godart, Encycl. Méthod. IX, p. 178.
5. *Danais Aspasia* Fabr., Mant. Ins. II, p. 15, n°. 145; id., Ent. Syst. III, p. 170, n°. 526. — Distant, Rhopal. Malay. p. 13; pl. 1, fig. 7.
   Euploea Philomela Zincken, Nova Acta Acad. Nat. Cur. XV, p. 184; pl. 16, fig. 17.
   Danais Crocea Butler, Proc. Zool. Soc. of London, 1866, p. 57, n°. 53; pl. 4, fig. 5.
6. *Danais Agleoïdes* Felder, Wien. Ent. Mon. IV, p. 398, n°. 17. — Distant, Rhopal. Malay. p. 15; pl. 1, fig. 5.
7. *Danais similis* Linn., Mus. Lud. Ulr. p. 299; id., Syst. Nat., Ed. XII, I, 2, p. 782, n°. 193.
   Danais vulgaris Butler, Ent. Mo. Mag. XI, p. 164. — Distant, Rhop. Mal. p. 10; pl. 1, fig. 8 (*Radena*).
8. *Danais Juventa* Cram., Uitl. Kap. II, p. 139; pl. 188, fig. B. — Distant, Rhopal. Malay. p. 407; pl. 39, fig. 4 (*Radenà*).
9. *Danais Melanippus* Cram., Uitl. Kap. II, p. 44; pl. 127, fig. A, B. — Distant, Rhopal. Malay. p. 19; pl. 2, fig. 1 (var. *Hegesippus*).
   Papilio Hegesippus Cram., l. c. p. 128; pl. 180, fig. A.

10. *Cyllo Leda* Linn., Syst. Nat., Ed. XII, I, 2, p. 773. — Cram., Uitl. Kap. III, p. 5; pl. 196, fig. C, D.

11. *Yphthima Baldus* Fabr., Syst. Ent. App. p. 809.

12. *Yphthima Pandocus* Moore, Cat. Lep. Mus. East-Ind. Comp. I, p. 235. — Hewitson, Trans. Ent. Soc. of London. 3rd ser. Vol. II, p. 290; pl. 18, fig. 12.

13. *Mycalesis Mineus* Linn., Syst. Nat., Ed. XII, I, 2, p. 768, n°. 126. — Distant, Rhopal. Malay. p. 50; pl. 4, fig. 13, 14 (♂, ♀).

Papilio Justina Cram., Uitl. Kap. IV, p. 75; pl. 326, fig. C.

14. *Mycalesis Hesione* Cram., Uitl. Kap. I, p. 16; pl. 11, fig. C, D.

Mycalesis Medus Fabr. — Distant, Rhopal. Malay. p. 40; pl. 4, fig. 8.

15. *Mycalesis fuscum* Felder, Wien. Ent. Mon. IV, p. 401. — Distant, Rhopal. Malay. p. 53; pl. 5, fig. 1 (♀).

Mycalesis Diniche Hewitson, Exot. Butt. *Mycalesis*, pl. 4, fig. 23.

16. *Mycalesis Anapita* Moore, Cat. Lep. Mus. East-Ind. Comp. I, p. 232. — Distant, Rhopal. Malay. p. 418; pl. 39, fig. 8.

17. *Elymnias Leucocyma* Godart, Encycl. Méthod. IX, p. 326.

Elymnias nigrescens Distant, Rhopal. Malay. p. 61; pl. 6, fig. 1 (♀) and pl. 9, fig. 4 (♀).

18. *Elymnias Panthera* Fabr., Mant. Ins. II, p. 39.

Melanitis Dusara Horsfield, Cat. Lep. Mus. East-Ind. Comp. pl. 5, fig. 7 (1829).

19. *Elymnias Lais* Cram., Uitl. Kap. II, p. 21; pl. 110, fig. A, B. — Wallace, Trans. Ent. Soc. of London, 1869, p. 325. — Distant, Rhopal. Malay. p. 62; pl. 9, fig. 2.

20. *Ergolis Ariadne* Linn., Syst. Nat., Ed. XII, I,

2, p. 778. — Distant, Rhopal. Malay. p. 137; pl. 11, fig. 6.

Papilio Coryta Cram., Uitl. Kap. I, p. 136; pl. 86, fig. E, F.

21. *Limenitis Nefte* Cram., Uitl. Kap. III, p. 111; pl. 256, fig. E, F. — Moore, Proc. Zool. Soc. of London, 1858, p. 13; pl. 50, fig. 5.

Athyma Nefte var. *nivifera* Distant, Rhopal. Malay. p. 163; pl. 16, fig. 6.

22. *Limenitis Kresna* Moore, Proc. Zool. Soc. of London, 1858, p. 12; pl. 50, fig. 4. — Distant, Rhopal. Malay. p. 161; pl. 16, fig. 3.

23. *Pandita Sinope* Moore, Cat. Lep. Mus. East-Ind. Comp. I, p. 182; pl. 6, fig. 3. — Distant, Rhopal. Malay. p. 146; pl. 12, fig. 13.

24. *Acca Procris* Cram., Uitl. Kap. II, p. 15; pl. 106, fig. E, F.

25. *Neptis Aceris* Lepechin, Reise etc. I, p. 203; pl. 17, fig. 5, 6. — Ochsenheimer, Schmett. von Europa. I, 1, p. 136; IV, p. 17 and 129. — Snellen, in Midden-Sumatra. Lepid. p. 15.

Papilio Leucothoë Cram., Uitl. Kap. IV, p. 15; pl. 296, fig. E, F.

26. *Charaxes Polixena* Cram., Uitl. Kap. I, p. 85; pl. 54, fig. A, B.

27. *Cyrestis Rahria* Westw., Moore, Cat. Lep. Mus. East-Ind. Comp. I, pl. 3*a*, fig. 2. — Distant, Rhopal. Malay. p. 142; pl. 12, fig. 4.

28. *Zeuxidia Doubledaii* Westwood, Gen. Diurn. Lep. p. 329, n°. 2, note; pl. 52, fig. 1. — Distant, Rhopal. Malay. p. 424, fig. 124 (♂) and pl. 38, fig. 6.

29. *Amathusia Phidippus* Linn., Syst. Nat., Ed. XII, I, 2, p. 752. — Cram., Uitl. Kap. I, p. 108; pl. 69, fig. A, B.

30. *Thaumantis Klugius* Zincken, Nova Acta Acad. Nat. Cur. XV, p. 165; pl. 15, fig. 11 (♂).

31. *Clerome Stomphax* Westwood, Trans. Ent. Soc. of London, 2nd ser., vol. IV, p. 186; pl. 21, fig. 3 and 4.

32. *Diadema Bolina* Linn. — Distant, Rhopal. Malay. p. 164; pl. 10, fig. 10 and 12 (♂), and pl. 15, fig. 12 (♀).

33. *Adolias Alpheda* Godart, Encycl. Méthod. IX, p. 384.

Adolias Octogesima Snell. v. Voll., Tijdschr. v. Entom. V, p. 193; pl. 10, fig. 5 (the male, not the female: p. 194; pl. 11, fig. 1).

Adolias Jama Distant, Rhopal. Malay. p. 119; pl. 14, fig. 8 (♂), and pl. 15, fig. 4 (♀).

34. *Adolias decoratus* Butler, Proc. Zool. Soc. of London, 1868, p. 605; pl. 45, fig. 2 and 9.

Euthalia decorata Distant, Rhopal. Malay. p. 122, fig. 41, woodcut (♀); pl. 14, fig. 9 (♂).

35. *Adolias Blumei* Snell. v. Voll., Tijdschr. v. Entom. V, p. 204; pl. 12, fig. 3 and 4.

35*a*. *Adolias Diardi* Snell. v. Voll., Tijdschr. v. Entom. V, p. 188; pl. 10, fig. 2.

An example of a variety in which the blue colour on the hind wings remains farther removed from the outer margin. Four similar examples from Banka are in the Leyden Museum.

36. *Adolias (Tanaecia) supercilia* Butler, Proc. Zool. Soc. of London, 1868, p. 610, n°. 4; pl. 45, fig. 7. —? Distant, Rhopal. Malay. p. 131; pl. 15, fig. 8.

37. *Adolias (Tanaecia) Pulasara* Moore, Trans. Ent. Soc. of London. 2nd ser., vol. V, p. 71; pl. 6, fig. 2. — Distant, Rhopal. Malay. p. 130; pl. 14, fig. 30 (♀).

38. *Adolias (Tanaecia) Vordermani*, nov. spec. Snellen, Tijdschr. v. Entom. XXXIII, p. 293; pl. 12, fig. 1.

39. *Lebadea Martha* Fabr., Mant. Ins. II, p. 56; id.

Ent. Syst. III, 1. p. 139. — Butler, Cat. Diurn. Lepid. by Fabr., p. 59; pl. 1, fig. 4. — Distant, Rhopal. Malay. p. 145; pl. 17, fig. 10 and 11.

Aconthea Alankara Horsfield, Cat. Lep. Mus. East-Ind. Comp. pl. 5, fig. 6 (1829).

Limenitis Paduka Moore, Cat. Lep. Mus. East-Ind. Comp. I, p. 179.

40. *Messaras Erymanthis* Drury, Illustr. Exot. Entom. I, pl. 15, fig. 3 and 4. — Cram., Uitl. Kap. III, p. 77; pl. 238, fig. F, G. — Distant, Rhopal. Malay. p. 177; pl. 8, fig. 4 (♂).

41. *Cynthia Arsinoë* Cram., Uitl. Kap. II, p. 100; pl. 160, fig. B, C.

Cynthia Dejone Distant, Rhopal. Malay. p. 185; pl. 10, fig. 1 and 2.

42. *Prothoë Franckii* Godart, Encycl. Méthod. IX, p. 825.

Prothoë Angelica Butler, Ann. and Mag. of Nat. Hist. 5th ser., vol. XVI, p. 53.

Prothoë uniformis Butler, l. c. — Distant, Rhopal. Malay. p. 434; pl. 38, fig. 4.

43. *Lexias Dirtea* Fabr., Ent. Syst. III, 1. p. 59.

Symphaedra Dirtea Distant, Rhopal. Malay. p. 112; pl. 12, fig. 7 and 8 (♂, ♀).

Var. *immaculata* Snellen, Tijdschr. v. Entom. XXXIII, p. 296.

44. *Apatura Osteria* Westwood, Gen. of Diurn. Lep. p. 305, note.

Eulacera Osteria Distant, Rhopal. Malay. p. 100; pl. 12, fig. 5 and 6 (♂, ♀).

45. *Precis Ida* Cram., Uitl. Kap. I, p. 66; pl. 42, fig. C, D (abominable!); IV, p. 167; pl. 374, fig. C, D.

46. *Junonia Laomedia* Linn. — Cram., Uitl. Kap. I, p. 13; pl. 8, fig. F, G (too dark).

47. *Abisara Echerius* Stoll, Uitl. Kap. p. 140; pl. 31, fig. 1, 1*a*, 1*b*.

Abisara Kausambi Distant, Rhopal. Malay. p. 189; pl. 18, fig. 10 and 11 (♂, ♀).

48. *Allotinus subviolaceus* Felder, Novara Reise, II, p. 368; pl. 35, fig. 27 and 28.

Allotinus Alkamah Distant, Rhopal. Malay. p. 452; pl. 44, fig. 3.

Logania Andersoni Moore, Journ. Linn. Soc. Vol. XXI, p. 39; pl. 3, fig. 6.

49. *Lycaena Osias* Röber, Iris n°. 3, p. 56; pl. 5, fig. 17. — Staudinger, Iris n°. 2, pl. 1, fig. 4.

Lycaena Amphissina Staudinger, l. c. p. 109.

50. *Lycaena Aratus* Cram., Uitl. Kap. IV, p. 144; pl. 365, fig. A, B.

51. *Lycaena Celeno* Cram., Uitl. Kap. I, p. 50; pl. 31, fig. C, D.

Lampides Aelianus Distant, Rhopal. Malay. p. 228; pl. 21, fig. 18, ♂ (nec Stoll).

52. *Lycaenesthes (Niphanda) tessellata* Moore, Proc. Zool. Soc. of London, 1874, p. 572; pl. 66, fig. 6. — Distant, Rhopal. Malay. p. 458; pl. 42, fig. 13 and pl. 44, fig. 21.

53. *Sithon (Myrina) nivea* Godman, Proc. Zool. Soc. of London, 1878, p. 640; pl. 40, fig. 3 and 4.

Myrina hiemalis Godman, l. c. fig. 5 and 6. — Distant, Rhopal. Malay. p. 249, pl. 22, fig. 13.

54. *Sithon Amrita* Felder, Wien. Ent. Monatschr. IV, p. 395.

Neocheritra Amrita Distant, Rhopal. Malay. p. 252; pl. 20, fig. 15 (♀) and pl. 23, fig. 12 (♂).

55. *Sithon Tharis* Geyer, in Hübner's Zuträge, 5tes Hundert, p. 22; fig. 883, 884. — Distant, Rhopal. Malay. p. 257; pl. 20, fig. 19.

56. *Sithon Estella* Hewitson, Illustr. of Diurn. Lep. p. 31, n°. 15; pl. 16, fig. 50 and 51.

57. *Sithon Lisias* Fabr., Mant. II, p. 65. — Boisduval, Spéc. Gén. I, pl. 22, fig. 2.

Biduanda Boisduvalii Moore, Journ. Asiat. Soc. Bengal. 1884, p. 31.

58. *Deudoryx Domitia* Hewitson, Illustr. of Diurn. Lep. p. 12; pl. 6, fig. 6 and 7. — Distant, Rhopal. Malay. p. 280; pl. 23, fig. 7 (♂).

59. *Deudoryx Timoleon* Stoll, Uitl. Kap. p. 146; pl. 32, fig. 4. — Boisduval, Spéc. Gén. I, pl. 22, fig. 4.
Iraota Boswelliania Distant, Rhopal. Malay. p. 258; pl. 22, fig. 23 (♀).

60. *Amblypodia Centaurus* Fabr., Syst. Ent. p. 520.
Narathura Centaurus Distant, Rhopal. Malay. p. 261; pl. 21, fig. 4 and 5 (♂, ♀).

61. *Amblypodia Anarte* Hewitson, Cat. Lycaen. Brit. Mus. p. 5, n⁰ 20; pl. 3, fig. 16 and 17; idem, Illustr. of Diurn. Lep. p. 4, n⁰ 8; pl. 1, fig. 6 and 7.
Narathura Agnis Distant, Rhopal. Malay. p. 362; pl. 21, fig. 29 (♀).

62. *Amblypodia Eumolphus* Cram., Uitl. Kap. IV, p. 19; pl. 299, fig. G, H.
Narathura Farquhari Distant, Rhopal. Malay. p. 264 and p. 463; pl. 23, fig. 3 (♂).

63. *Amblypodia Abseus* Hewitson, Cat. Lycaen. Brit. Mus. p. 9, n⁰ 40; pl. 5, fig. 51 and 52.

64. *Amblypodia Singhapura* Distant, Rhopal. Malay. p. 273, fig. 84, woodcut (♀).

65. *Amblypodia Apidanus* Cram., Uitl. Kap. II, p. 63; pl. 137, fig. F, G. — Distant, Rhopal. Malay. p. 273, fig. 85 (woodcut).
Papilio Dorimond Stoll, Uitl. Kap. p. 166; pl. 37, fig. 4, 4 D.
Var. *saturata* Snell., Tijds. v. Ent. XXXIII, p. 301.

66. *Amblypodia Antimuta* Felder, Wien. Ent. Mon. IV, p. 233. — Distant, Rhopal. Malay. p. 266; pl. 13, fig. 11.

67. *Amblypodia Metamuta* Hewitson, Illustr. of Diurn. Lep. p. 13; pl. 2, fig. 14 and 15. — Distant, Rhopal. Malay. p. 267; pl. 33, fig. 19.

68. *Amblypodia Lycaenaria* Felder, Wien. Ent. Mon. IV, p. 396; idem, Novara Reise, II, p. 232; pl. 29, fig. 13. — Distant, Rhopal. Malay. p. 269, fig. 79 (woodcut).

69. *Amblypodia Narada* Horsfield, Cat. Lep. Mus. East-Ind. Comp. I, p. 98; pl. 1, fig. 8. — Distant, Rhopal. Malay. p. 276; pl. 21, fig. 23 (♂).

70. *Pieris Panda* Godart, Encycl. Méthod. IX, p. 147. — Boisduval, Spéc. Gén. I, p. 485. — Snell. v. Vollenh., Monogr. des Piérides, p. 44. — Wallace, Trans. Ent. Soc. of London. 4th ser., vol. IV, p. 369 (*Tachyris*).

Pieris sulphurea Snell. v. Voll., l. c. p. 32; pl. 4, fig. 4.

Pieris Nathalia Felder, Wien. Ent. Mon. VI, p. 285.

Tachyris Nathalia Wallace, l. c. p. 369.

Saletara Nathalia Distant, Rhopal. Malay. p. 317; pl. 26, fig. 1 and 2 (♂, ♀).

71. *Cathaemia haemorrhoa* Snell. v. Voll., Monogr. des Piérides. p. 10; pl. 2, fig. 5.

Var. *aurago* Snellen, Tijdschr. v. Entom. XXXIII, p. 303.

72. *Terias Hecabe* Linn. — Cram., Uitl. Kap. II, pl. 124, fig. B, C.

73. *Callidryas Chryseis* Drury, Illustr. Exot. Entom. I, pl. 12, fig. 3 and 4. — Distant, Rhopal. Malay. p. 300; pl. 25, fig. 1 and 2, pl. 26, fig. 20 ♀ var.

Papilio Alcyone Cram., Uitl. Kap. I, p. 89; pl. 58, fig. A, C.

Callidryas Pyranthe Snell. v. Voll., Monogr. des Piérides, p. 59.

74. *Papilio Polytes* Linn., Mus. Lud. Ulr. p. 186. — Cram., Uitl. Kap. III, p. 129; pl. 265, fig. A, C.

Papilio Pammon Linn., l. c. p. 189. — Cram., l. c. II, p. 169; pl. 141, fig. B.

Papilio Theseus Cram., l. c. II, p. 128; pl. 180, fig. B. — Wallace, Trans. Linn. Soc. of London, XXV, p. 52; pl. 2, fig. 2, 4 and 7.

75. *Papilio Helenus* Linn., Mus. Lud. Ulr. p. 185. — Cram., Uitl. Kap. II, p. 90; pl. 153, fig. A, B.
Papilio Iswara White, Entom. I, p. 340. — Distant, Rhopal. Malay. p. 344; pl. 30, fig. 1 and 2.

76. *Papilio Memnon* Linn., Mus. Lud. Ulr. p. 193.
Papilio Agenor Linn., l. c. p. 194. — Distant, Rhopal. Malay. p. 339; pl. 29, fig. 1 (♀).

77. *Papilio Sarpedon* Linn., Mus. Lud. Ulr. p. 196. — Distant, Rhopal. Malay. p. 359; pl. 32, fig. 6.

78. *Papilio Evemon* Boisduval, Spéc. Gén, I, p. 234. — Distant, Rhopal. Malay. p. 360; pl. 32, fig. 1.

78*a*. *Papilio Agamemnon* Linn., Mus. Lud. Ulr. p. 202. — Distant, Rhopal. Malay. p. 363; pl. 32, fig. 7.
Papilio Aegistus Cram., Uitl. Kap. II, pl. 106, fig. C, D.

79. *Hesperia Hyela* Hewitson, Descr. Hesper. p. 23. — Plötz, Stett. Ent. Zeit. 1882, p. 322.
Pirdana Hyela Distant, Rhopal. Malay. p. 376; pl. 35, fig. 6 (♀).

80. *Tagiades Gana* Moore, Proc. Zool. Soc. of London, 1865, p. 780. — Plötz, Jahresber. Nassaui. Vereins. Jahrg. 37 (1884), p. 36. — Distant, Rhopal. Malay. p. 388; pl. 34, fig. 2.
Tagiades Atticus var. *Caligana* Distant, Rhopal. Malay. p. 387; pl. 34, fig. 6.

81. *Tagiades Folus* Cram., Uitl. Kap. I, p. 118; pl. 74, fig. F. — Plötz, Jahresber. Nassaui. Vereins. Jahrg. 37 (1884), p. 55.
Udaspes Folus Distant, Rhopal. Malay. p. 398; pl. 34, fig. 3.

82. *Ismene Chromus* Cram., Uitl. Kap. III, p. 163; pl. 284, fig. E. — Plötz, Stett. Ent. Zeit. 1884, p. 57, n°. 19.

Ismene Chabrona Plötz, Stett. Ent. Zeit. 1884, p. 56, n°. 16.
Ismene Contempta Plötz, Stett. Ent. Zeit. 1884, p. 56, n°. 17.
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